

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	10595495
Filing Date	2006-04-24
First Named Inventor	Mermod et al.
Art Unit	1636
Examiner Name	Jennifer Ann Dunsdon
Attorney Docket Number	3024-119

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	1	GIROD PIERRE-ALAIN ET AL: "Genome-wide prediction of matrix attachment regions that increase gene expression in mammalian cells" in NATURE METHODS, vol. 4, no. 9, 2007-08-05, pp.: 747-753	<input type="checkbox"/>
	2	TIANYUN WANG ET AL: "Increased expression of transgene in stably transformed cells of <i>Dunaliella salina</i> by matrix attachment regions" in APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, SPRINGER-VERLAG, BE, vol. 76, no. 3, 2007-07-05, pp.:651-657	<input type="checkbox"/>
	3	DATABASE EMBL, 2006-01-12, BIRREN B. NUSBAUM C. LANDER E.: "Mus musculus chromosome 1, clone RP23-444A8" Database accession no. AC102666	<input type="checkbox"/>
	4	DATABASE EMBL, 2004-05-16, KRUCHOWSKI S ET AL.: "The sequence of Mus musculus BAC clone RP23-388E14" Database accession no. AC134595	<input type="checkbox"/>
	5	WHITELAW C B A ET AL: "Matrix attachment region regulates basal beta-lactoglobulin transgene expression" in GENE, ELSEVIER, AMSTERDAM, NL, vol. 244, no. 1-2, 2000-02, pp.:73-80	<input type="checkbox"/>
	6	GIROD PIERRE-ALAIN ET AL: "Use of the chicken lysozyme 5' matrix attachment region to generate high producer CHO cell lines" in BIOTECHNOLOGY AND BIOENGINEERING, vol. 81, no. 1, 2005-07, pp.:1-11	<input type="checkbox"/>
	7	GUTIERREZ-ADAN A ET AL: "EFFECT OF FLANKING MATRIX ATTACHMENT REGIONS ON THE EXPRESSION OF MICROINJECTED TRANSGENES DURING PREIMPLANTATION DEVELOPMENT OF MOUSE EMBRYOS" in TRANSGENIC RESEARCH, LONDON, GB, vol. 9, no. 2, 2000-04, pp.:81-89	<input type="checkbox"/>
	8	KIM JONG-MOOK ET AL: "Improved recombinant gene expression in CHO cells using matrix attachment regions" in JOURNAL OF BIOTECHNOLOGY, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 107, no. 2, 2004-01-22, pp.: 95-105	<input type="checkbox"/>
	9	VAIN P ET AL: "MATRIX ATTACHMENT REGIONS INCREASE TRANSGENE EXPRESSION LEVELS AND STABILITY IN TRANSGENIC RICE PLANTS AND THEIR PROGENY" in PLANT JOURNAL, BLACKWELL SCIENTIFIC PUBLICATIONS, OXFORD, GB, vol. 18, no. 3, 1999, pp.:233-242	<input type="checkbox"/>
	10	LIEBICH I ET AL: "Evaluation of sequence motifs found in scaffold/matrix-attached regions (S/MARs)" in NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 30, no. 15, 2002-08-01, pp.:3433-3442	<input type="checkbox"/>

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11	LIEBICH INES ET AL: "S/MAR DB: A database on scaffold/matrix attached regions" NUCLEIC ACIDS RESEARCH, vol. 30, no. 1, 2002-01-01, pp.:372-374	<input type="checkbox"/>
12	BODE JUERGEN ET AL: "Transcriptional augmentation: Modulation of gene expression by scaffold/matrix-attached regions (S/MAR elements)" in CRITICAL REVIEWS IN EUKARYOTIC GENE EXPRESSION, vol. 10, no. 1, 2000, pp.: 73-90	<input type="checkbox"/>
13	KRIES ET AL: "A non-curved chicken lyszyme matrix attachment site is 3' followed by a strongly curved DNA sequence" in NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 18, no. 13, 1990-07-11, pp.:3881-3885	<input type="checkbox"/>
14	YAMAMURA J ET AL: "Analysis of sequence-dependent curvature in matrix attachment regions" in FEBS LETTERS, ELSEVIER, AMSTERDAM, NL, vol. 489, no. 2-3, 2001-02-02, pp.:166-170	<input type="checkbox"/>
15	BOULIKAS TENI: "Nature of DNA sequences at the attachment regions of genes to the nuclear matrix" in JOURNAL OF CELLULAR BIOCHEMISTRY, vol. 52, no. 1, 1993, pp.:14-22	<input type="checkbox"/>
16	SINGH G B ET AL: "Mathematical model to predict regions of chromatin attachment to the nuclear matrix" in NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 25, no. 7, 1997, pp.:1419-1425	<input type="checkbox"/>
17	FRISCH M ET AL: "In silico prediction of scaffold/matrix attachment regions in large genomic sequences" in GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, WOODBURY, NY, US, vol. 12, no. 2, 2002-02, pp.:349-354	<input type="checkbox"/>
18	BODE J ET AL: "Scaffold/matrix-attached regions: Structural properties creating transcriptionally active loci" in INTERNATIONAL REVIEW OF CYTOLOGY, ACADEMIC PRESS, 1995, pp.:389-454	<input type="checkbox"/>
19	KWAKS ET AL: "Employing epigenetics to augment the expression of therapeutic proteins in mammalian cells" in TRENDS IN BIOTECHNOLOGY, ELSEVIER PUBLICATIONS, CAMBRIDGE, GB, vol. 24, no. 3, 2006-03, pp.:137-142	<input type="checkbox"/>

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